



## SEQUENCE LISTING

<110> Millennium Pharmaceuticals, Inc.  
McCarthy, Sean A.  
Bossone, Steven

<120> SECRETED PROTEINS AND NUCLEIC ACIDS ENCODING THEM

<130> MBI01997-018DV1ACN1M

<140> US 09/993,179

<141> 001-11-06

<150> 09/436,183

<151> 1999-11-08

<150> 08/966,269

<151> 1997-11-07

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 517

<212> DNA

<213> Homo Sapiens

<220>

<221> CDS

<222> (368)...(517)

<400> 1

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tgctgaagag gatcttcgga gccgctctgg cccccaggcg ctggatgact ggcaccagcg 180
ctcctcgcac ctgtgttggg gtgtgagact tgggctggag tgcccacgtg gctgtggagt 240
cagtgtgatt catgattgag gaaacgcgtc ctccatcctc tctctccttg gcactttcca 300
cacatgagga gaagaagagc ttctgttttag aagacacgtg cccagagtca gagggccctt 360
gcccacc atg aag gga acc tgt gtt ata gca tgg ctg ttc tca agc ctg 409
      Met Lys Gly Thr Cys Val Ile Ala Trp Leu Phe Ser Ser Leu
        1             5             10
```

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ggg ctg tgg aga ctc gcc cac cca gag gcc cag ggt acg act cag tgc 457
Gly Leu Trp Arg Leu Ala His Pro Glu Ala Gln Gly Thr Thr Gln Cys
  15             20             25             30
```

```
cag aga aca ctc gag gtg aat att gtt tcc ccc agc tcc aag gca aca 505
Gln Arg Thr Leu Glu Val Asn Ile Val Ser Pro Ser Ser Lys Ala Thr
      35             40             45
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Phe Ser Pro Ser
      50
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<210> 2  
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 <212> PRT  
 <213> Homo Sapiens

<400> 2  
 Met Lys Gly Thr Cys Val Ile Ala Trp Leu Phe Ser Ser Leu Gly Leu  
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 Trp Arg Leu Ala His Pro Glu Ala Gln Gly Thr Thr Gln Cys Gln Arg  
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 Thr Leu Glu Val Asn Ile Val Ser Pro Ser Ser Lys Ala Thr Phe Ser  
 35 40 45  
 Pro Ser  
 50

<210> 3  
 <211> 506  
 <212> DNA  
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<220>  
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 <222> (132)...(506)

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 ccaagttggg atccgaattc ggcacgagcg gcacgagttg tgcttcggag accgtaagga 120  
 tattgatgac c atg aga tcc ctg ctc aga acc ccc ttc ctg tgt ggc ctg 170  
 Met Arg Ser Leu Leu Arg Thr Pro Phe Leu Cys Gly Leu  
 1 5 10  
 ctc tgg gcc ttt tgt gcc cca ggc gcc agg gct gag gag cct gca gcc 218  
 Leu Trp Ala Phe Cys Ala Pro Gly Ala Arg Ala Glu Glu Pro Ala Ala  
 15 20 25  
 agc ttc tcc caa ccc ggc agc atg ggc ctg gat aag aac aca gtg cac 266  
 Ser Phe Ser Gln Pro Gly Ser Met Gly Leu Asp Lys Asn Thr Val His  
 30 35 40 45  
 gac caa gag cat atc atg gag cat cta gaa ggt gtc atc aac aaa cca 314  
 Asp Gln Glu His Ile Met Glu His Leu Glu Gly Val Ile Asn Lys Pro  
 50 55 60  
 gag gcg gag atg tcg cca caa gaa ttg cag ctc cat tac ttc aaa atg 362  
 Glu Ala Glu Met Ser Pro Gln Glu Leu Gln Leu His Tyr Phe Lys Met  
 65 70 75  
 cat gat tat gat ggc aat aat ttg ctt gat ggc tta gaa ctc tcc aca 410  
 His Asp Tyr Asp Gly Asn Asn Leu Leu Asp Gly Leu Glu Leu Ser Thr  
 80 85 90  
 gcc atc act cat gtc cat aag gag gaa ggg agt gaa cag gca cca ctc 458  
 Ala Ile Thr His Val His Lys Glu Glu Gly Ser Glu Gln Ala Pro Leu  
 95 100 105  
 gag gtg aat att gtt tcc ccc agc tcc aag gca aca ttc agt cca agt 506

Glu Val Asn Ile Val Ser Pro Ser Ser Lys Ala Thr Phe Ser Pro Ser  
 110 115 120 125

<210> 4  
 <211> 125  
 <212> PRT  
 <213> Homo Sapiens

<400> 4  
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 Gln Pro Gly Ser Met Gly Leu Asp Lys Asn Thr Val His Asp Gln Glu  
 35 40 45  
 His Ile Met Glu His Leu Glu Gly Val Ile Asn Lys Pro Glu Ala Glu  
 50 55 60  
 Met Ser Pro Gln Glu Leu Gln Leu His Tyr Phe Lys Met His Asp Tyr  
 65 70 75 80  
 Asp Gly Asn Asn Leu Leu Asp Gly Leu Glu Leu Ser Thr Ala Ile Thr  
 85 90 95  
 His Val His Lys Glu Glu Gly Ser Glu Gln Ala Pro Leu Glu Val Asn  
 100 105 110  
 Ile Val Ser Pro Ser Ser Lys Ala Thr Phe Ser Pro Ser  
 115 120 125

<210> 5  
 <211> 32  
 <212> PRT  
 <213> Mus musculus

<400> 5  
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 20 25 30

<210> 6  
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 <212> PRT  
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 His Val His Lys Glu Glu Gly Ser Glu Gln Ala Pro Leu  
 35 40 45

<210> 7  
 <211> 28

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 <210> 8  
 <211> 32  
 <212> DNA  
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 <220>  
 <223> Primer  
  
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 agatcttcat acttttctca tgttgatttt cc 32  
  
 <210> 9  
 <211> 29  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer  
  
 <400> 9  
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 <210> 10  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer  
  
 <400> 10  
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 <213> Artificial Sequence  
  
 <220>  
 <223> Primer  
  
 <221> misc\_feature  
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 <400> 11  
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<210> 12  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

<400> 12  
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24

<210> 13  
 <211> 22  
 <212> DNA  
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<220>  
 <223> Primer

<400> 13  
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22

<210> 14  
 <211> 32  
 <212> PRT  
 <213> Homo Sapiens

<400> 14  
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 Trp Arg Leu Ala His Pro Glu Ala Gln Gly Thr Thr Gln Cys Gln Arg  
 20 25 30

<210> 15  
 <211> 108  
 <212> PRT  
 <213> Homo Sapiens

<400> 15  
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 Gln Pro Gly Ser Met Gly Leu Asp Lys Asn Thr Val His Asp Gln Glu  
 35 40 45  
 His Ile Met Glu His Leu Glu Gly Val Ile Asn Lys Glu Ala Glu Met  
 50 55 60  
 Ser Pro Gln Glu Leu Gln Leu His Tyr Phe Lys Met His Asp Tyr Asp  
 65 70 75 80  
 Gly Asn Asn Leu Leu Asp Gly Leu Glu Leu Ser Thr Ala Ile Thr His  
 85 90 95  
 Val His Lys Glu Glu Gly Ser Glu Gln Ala Pro Leu  
 100 105